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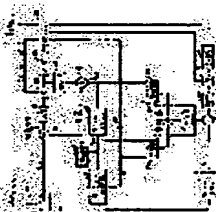
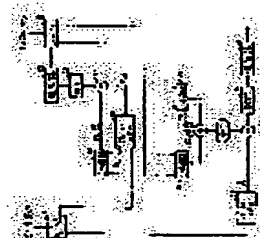
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(54) CIRCUIT FOR ENCODING VIDEO SIGNAL

(57)Abstract:

PURPOSE: To improve screen quality and to reduce a transmission bit rate by detecting a pixel causing a conspicuous artifacts, transmitting corresponding correction information to a decoder, and interpolating every other frame or two of three frames in a regular base.

CONSTITUTION: This circuit is constituted of a first means for encoding each block of several frames by developing the approximate version of a block induced from the approximate version of a block developed for the previous frame (a), and a code indicating the deflection of a block from the approximate version of a block (b), a second means for approximating several blocks into which a frame should be interpolated by connecting the approximate versions of the blocks in the several selected frames encoded in the first means, and a third means for developing a code corresponding to corresponding picture elements in the frame to be interpolated and picture elements largely different from a prescribed threshold value in the block approximated by the second means in response to the second means and the frame to be interpolated.



LEGAL STATUS

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